

COMMONWEALTH TECHNOLOGY, INC.

INVOICE NO.	AMOUNT	
General Consulting 2000 & System Map		
44072	9,198.81	
44068	2,250.19	
System Improvements		
44059	596.00	
44057	465.00	
Total	12,510.00	



Phone: 606-276-3091

800-467-3091 Fax: 606-276-4374

email: fyi@ctienv.com

HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44059

Invoice Date:

August 11, 2000

Client No:

CTI Work Order #

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through July 31, 2000

CTI Project No: 0314

Evaluate Increased Supply to Eminence

Project Mgr: DOUG BALDWIN Dough Beld

Engineering/Environmental Science Services	w.		
	Rate	Hours	Amount
Senior Engineer	112.00	0.50	56.00
Project Assistant	40.00	0.50	20.00
Senior Technician	65.00	8.00	520.00
Total Engineering/Environmental Science Service	s		\$596.00

Invoice Total \$596.00

Comments:

These services are for hydraulic analyses of various alternatives to

provide more water supply to Eminence.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44068

Invoice Date:

August 11, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through July 31, 2000

CTI Project No: 0206

Master Water System Map

Henry County, Kentucky

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services	Rate	Hours	Amount
Engineer Senior Engineer Project Assistant Project Technician	60.00 112.00 40.00 45.00	24.00 0.50 0.50 3.00	1,440.00 56.00 20.00 135.00
Senior Technician	65.00	6.00	390.00
Total Engineering/Environmental Science Serv	vices		\$2,041.00
Reimbursable Expenses Copies/Reproductions			209.19
Total Reimbursable Expenses			\$209.19

Invoice Total

\$2,250.19

Comments:

These services are for preparation of water system wall map and delivery to HCWD2 office.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44057

Invoice Date:

August 11, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through July 31, 2000

CTI Project No: 0119C

Sligo Extension for Proposed Truck Stop

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services	,		
·	Rate	Hours	Amount
Senior Engineer	130.00	0.50	65.00
Project Assistant	50.00	0.50	25.00
Senior Technician	75.00	5.00	375.00
Total Engineering/Environmental Science Services			\$465.00

Invoice Total	\$465.00

Comments:

These services are for assistance with preparation of contract

between HCWD2 and Marathon, and hydraulic analysis to determine

impact of higher flow rate requested by Marathon.

Printed on recycled paper



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

US 421

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44072

Invoice Date:

August 11, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through July 31, 2000

CTI Project No: 0109

HCWD-General Consulting 2000 Water System, Henry County, KY Project Mgr: DOUG BALDWIN

d. Dougla Ball -

Engineering/Environmental Science Services

Engineering/Environmental Science Services			
	Rate _	Hours	Amount
Engineer	70.00	10.50	735.00
Staff Engineer	85.00	2.50	212.50
Senior Engineer	130.00	21.00	2,730.00
Senior Engineer	105.00	3.00	315.00
Project Assistant	50.00	2.50	125.00
Project Technician	60.00	3.00	180.00
Senior Technician	75.00	58.50	4,387.50
Total Engineering/Environmental Science Services	560		\$8,685.00
Reimbursable Expenses			513.81
Project Supplies			313.61
Total Reimbursable Expenses			\$513.81

Invoice Total

\$9,198.81

Comments:

These services are for:

- --revisions to HCWD2 standard specifications and drawings
- -- preparation of monthly progress report
- --communications with HCWD2 and Berry Baxter regarding new developments and water supply to cities within HCWD2 service area
- --communications with New Castle about new subdivision and available water supply
- --hydraulic evaluation of overall improvements needed for master plan and prioritization of improvements
- --update demands in hydraulic model based on current billings
- -- assistance to Bill Allen with Risk Management Plan
- --assistance with sump pits for collecting groundwater at water plant

Lexington, Kentucky

Louisville, Kentucky

Baraboo, Wisconsin

${\tt COMMONWEALTH\ TECHNOLOGY,\ INC.}$

INVOICE	AMOUNT
44111	358.12
44113	783.00
44056	4,867.27
TOTAL	6,008.39

Line Extension Expenses



COMMONWEALTH TECHNOLOGY, INC.

INVOICE	AMOUNT
44111	358.12
44113	783.00
44056	4,867.27
TOTAL	6,008.39

Line Extension Expenses



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44111

\$358.12

Invoice Date:

August 16, 2000

Client No:

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 13, 2000

CTI Project No: 8123B

HCWD-Rowlett Road, KY22, Blakemore

Rowloff Road and Others

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services			
	Rate	Hours	Amount
Staff Engineer	67.00	3.50	234.50
Project Assistant	35.00	1.50	52.50
Staff Technician	32.00	2.00	64.00
Total Engineering/Environmental Science Services			\$351.00
Reimbursable Expenses			
Shipping		_	7.12
Total Reimbursable Expenses			\$7.12

Comments:

These services are for preparation of as-built drawings, engineers certification to Division of Water, and other related correspondence and communications to closeout the project. This is the final invoice for this project number (8123B).

Invoice Total



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44113

Invoice Date:

August 16, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through August 13, 2000

CTI Project No: 8123Q

HCWD-Kavanaugh/Beckley Lanes

Water Line Extensions (by HCWD)

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

ering/Environmental Science Services	Rate	Hours	Amount
Staff Engineer	67.00	3.00	201.00
Project Assistant	35.00	2.00	70.00
Staff Technician	32.00	16.00	512.00
Total Engineering/Environmental Science Se	rvices		\$783.00

Invoice Total

\$783.00

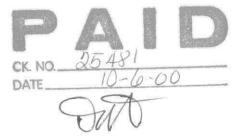
Comments:

These services are for preparation of as-built drawings, engineers certification to Division of Water, and other related correspondence and communications to closeout the project. This is the final invoice for this project number (8123Q).

COMMONWEALTH TECHNOLOGY, INC. ENVIRONMENTAL CONSULTING DIVISION

Invoice Number		Amount
44221		1,677.50 New Cas+1€
44220		J3,811.50 Eminence
44218		3,738.25 Truck Stop 6,337.7 2,599.50 Truck Stop 6,337.7
44216		2,599.50 Truck Stop)
44214		1926607 General Consult.
44231		1 1,040.00 Water Sampling Plant
44222		V 182.50 Henry Fms
44265		J 118.00 Webb Hanlon
44215		1 140.00 Stucker/Hieatt/Sween
44217		J 3,593.92 Carmon
44267		V 92.01 Raisor/MEClivet/Tatum
44266		205.93 Morton/Gullian/Long Branci
	TOTAL	26,465.18

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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice Date:

44221 September 11, 2000

Client No:

Invoice No:

WOC025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 31, 2000

CTI Project No: 0417

HCWD-New Castle Water supply study

Project Mgr: DOUG BALDWIN

1. Hough Ball

-	Rate	Hours	Amount
Senior Engineer	130.00	5.00	650.00
Technician	30.00	0.50	15.00
Senior Technician	75.00	13.50	1,012.50
Total Engineering/Environmental Science Services			\$1,677.50

Invoice Total	\$1,677.50

Comments:

- --meeting with New Castle personnel
- -teleconferences with New Castle and HCWD2 staffs
- --evaluation of New Castle water usage (master meter readings vs. monthly usage vs. loading station, etc.)
- --evaluation of alternatives to increase water supply
- --hydraulic analysis of alternatives to serve New Castle.



Phone: 606-276-3091

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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44220

Invoice Date:

September 11, 2000

Client No:

CTI Work Order #

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 31, 2000

CTI Project No: 0314

Evaluate Increased Supply to Eminence

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services			× 100
	Rate	Hours	Amount
8			
Senior Engineer	112.00	17.00	1,904.00
Project Assistant	40.00	0.50	20.00
Senior Technician	65.00	28.00	1,820.00
Total Engineering/Environmental Science Services			\$3,744.00
Reimbursable Expenses			(7.50
Mileage			67.50
Total Reimbursable Expenses			\$67.50
Total Remoursable Expenses			
			Ø2 011 E8

Invoice Total

\$3,811.50

Comments:

- --hydraulic analysis
- -meeting with HCWD2 staff about alternatives evaluated
- --letter to Eminence summarizing supply alternatives and related construction costs.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44216

Invoice Date:

September 11, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 31, 2000

CTI Project No: 0119C

Sligo Extension for Proposed Truck Stop

Project Mgr: DOUG BALDWIN

1. Dougla Ball.

Engineering/Environmental Science Services

· ·	Rate	Hours	Amount
Senior Engineer	130.00	5.00	650.00
Project Assistant	50.00	0.50	25.00
Staff Technician	45.00	12.50	562.50
Project Technician	60.00	7.00	420.00
Senior Technician	75.00	12.50	937.50
Total Engineering/Environmental Science Services			\$2,595.00
Reimbursable Expenses			1 -0
Mileage		-	4.50
Total Reimbursable Expenses			\$4.50

Invoice Total

\$2,599.50

Comments:

- --hydraulic analysis
- --field layout of water line and existing utilities
- --researching property owner information at Henry County PVA office
- --preparation of plans
- --final design
- --developing construction cost estimate for the US 42 Sligo parallel water line extension.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44218

Invoice Date:

September 11, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 31, 2000

CTI Project No: 0119E

HCWD-I71@Pendleton interchange WL Reloc.

Project Mgr: DOUG BALDWIN

A. Dongla Ball.

Engineering/Environmental Science Services

9			
	Rate	Hours	Amount
Senior Engineer	130.00	6.50	845.00
Project Assistant	50.00	1.00	50.00
Staff Technician	45.00	11.00	495.00
Senior Technician	75.00	30.50	2,287.50
Total Engineering/Environmental Science Services Reimbursable Expenses			\$3,677.50
Mileage			60.75
Total Reimbursable Expenses			\$60.75

Invoice Total

\$3,738.25

Comments:

These services are for:

- --on-site meeting with Marathon and HCWD2
- --field layout of water line and existing utilities
- -- obtaining highway plans
- --creating plan sheet background from proposed road widening and old highway plans
- -- final design and hydraulic analysis
- --researching property information at Henry County PVA office
- --reconciling descrepancies between actual location of existing utilities and highway plans, causing redesign of water line
- --compiling DOW submittal package
- --communications and correspondence with Marathon Ashland for the water line relocation at KY 153/I-71 interchange.

This invoice should be forwarded to Nathan Fox of Marathon Ashland for reimbursement.

Lexington, Kentucky

Louisville, Kentucky

Baraboo, Wisconsin

Printed on recycled paper



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

US 421

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

Invoice Date:

44214

Client No:

September 11, 2000 WOC 025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through February 29, 2000

CTI Project No: 0109 General Consulting 2000

Water System, Henry County, KY

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

	Subtotal Credit Due * Invoice Total		\$9,779.88 (513.81) \$9,266.07
Total Reimbursable Expenses			\$98.38
Project Supplies Copies/Reproductions			8.75 88.63
Total Engineering/Environmental Science Services Reimbursable Expenses	S		\$9,682.50
Staff Engineer Senior Engineer Project Assistant Staff Technician Project Technician Senior Technician	85.00 130.00 50.00 45.00 60.00 75.00	3,50 33,00 3,00 3,00 5,50 56,00	297.50 4,290.00 150.00 135.00 330.00 4,200.00
Engineer	70.00	4.00	Amount 280.00
Engineering/Environmental Science Services			

Comments:

- --updating demands in hydraulic model to reflect actual customers' usage
- --assistance with new water supply contracts with incorporated cities
- --evaluating alternatives for long range master plan
- --hydraulic analysis of some alternatives for long range master plan
- -preparation of list of needed improvements for long range master plan and meeting with HCWD2 staff about same
- --evaluation/hydraulic analysis for sizing of Jericho tank transmission main
- --letter and construction cost estimate for Jericho tank transmission main
- --correspondence regarding accounting procedures for upsizing developers' water lines to serve future growth
- -- updating standard specs and detail plan sheets
- --preparation of monthly report for Board meeting.

^{*}A credit of \$513.81 is applied for project supplies invoiced in error on invoice# 44072 dated August 11, 2000.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219, US421

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44231

Invoice Date:

September 11, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through August 31, 2000

CTI Project No: 0344

HCWD-Sampling Plan for Water Plant

Project Mgr: ELIZABETH HAMM

Embl

Engineering/Environmental Science Services	Rate	Hours	Amount
Senior Technician	65.00	16.00	1,040.00
Total Engineering/Environmental Science Services			\$1,040.00

Invoice Total

\$1,040.00

Comments:

Previous services for PWS Compliance Plan that were billed under Project#0109-

General Consulting, totaled \$750. Total billing for these services, through

August 31, 2000 is \$1,790.00.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44222

Invoice Date:

September 11, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 31, 2000

CTI Project No: 8123R

HCWD-Henry Farms 2 Henry Farms, Section 2 Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

ering/Environmental Science Scivices	Rate	Hours	Amount
Project Assistant	40.00	0.50	20.00
Project Assistant	35.00	1.50	52.50
Senior Technician	55.00	2.00	110.00
Total Engineering/Environmental Science Ser	vices		\$182.50

Invoice Total

\$182.50

Comments:

These services are for review and processing of shop drawings for the Henry Farms 2 development.



Phone: 606-276-3091

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Fax: 606-276-4374 email: fyi@ctienv.com

HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

44265

Invoice No: Invoice Date:

September 12, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 31, 2000

CTI Project No: 8123E

HCWD-Water Line Webb Lane-Hanlon Farm

Campbellsburg, KY

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

ering Environmental Science Services	Rate	Hours	Amount
Staff Engineer	67.00	1.50	100.50
Project Assistant	35.00	0.50	17.50
Total Engineering/Environmental Science Service	ces		\$118.00

Invoice Total

\$118.00

Comments:

Invoice is for final design of project. Services include requests for field notes and

creation of as-built drawings.



Phone: 606-276-3091

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Fax: 606-276-4374 email: fyi@ctienv.com

HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44215

Invoice Date:

September 11, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 31, 2000

CTI Project No: 0119B

Line Extins-Stucker, Hieatt, Sweeney

HCWD Water Line Extensions Stucker Lane Hieatt Road Sweeney Lane

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

57"		
Rate	Hours	Amount
130.00	0.50	65.00
75.00	1.00	75.00
vices	a 82	\$140.00
	130.00 75.00	130.00 0.50 75.00 1.00

ı	n	V	01	ce	Ί	01	al	

\$140.00

Comments:

These services are for communications and correspondence with Division of Water regarding approval and hydraulic analysis for Stucker, Hieatt, Sweeney, Hickory, and Giltner water line extensions.



Phone: 606-276-3091

800-467-3091 Fax: 606-276-4374

email: fyi@ctienv.com

HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44217

Invoice Date:

September 11, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 31, 2000

CTI Project No: 0119D

HCWD-Carmon Road Water Line

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

Engineering/Environmental Science Scivices			
	Rate	Hours	Amount
Senior Engineer	130.00	7.00	910.00
Project Assistant	50.00	1.50	75.00
Staff Technician	45.00	10.00	450.00
Project Technician	60,00	20.00	1,200.00
Senior Technician	75.00	12.50	937.50
Total Engineering/Environmental Science Services			\$3,572.50
Reimbursable Expenses			
Copies/Reproductions			12.42
Mileage		_	9.00
Total Reimbursable Expenses			\$21.42

Invoice Total

\$3,593.92

Comments:

- --hydraulic analysis
- --researching property owner information @ Henry County PVA office
- --field layout of water line and exisiting utilities
- --preparation of plans
- --final design of water line extension
- --developing construction cost estimate
- --compiling DOW submittal package for the Carmon Road water line extension.



Phone: 606-276-3091

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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44267

Invoice Date:

September 12, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 31, 2000

CTI Project No: 8123T

Raisor/Mt Olivet/Tatum Rds

Water Line Extensions

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services	97		
32 SH Y	Rate	Hours	Amount
Staff Engineer	67.00	1.00	67.00
Project Assistant	35.00	0.50	17.50
		# E	004.50
Total Engineering/Environmental Science Service	es		\$84.50
Reimbursable Expenses			
Copies/Reproductions		_	7.51
Total Reimbursable Expenses			\$7.51
	Invoice Tot	al	\$92.01

Comments:

Invoice includes checking on status of field construction notes, creation of as-built

drawings and project administration.



Phone: 606-276-3091

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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44266

Invoice Date:

September 12, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through August 31, 2000

CTI Project No: 8123S

Corley-Morton/Gullion/Long Branch Rds

Henry County Water District 2

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

	Rate	Н	ours	Amount
Staff Engineer	67.00		1.00	67.00
Project Technician	45.00		3.00	135.00
Total Engineering/Environmental Science Services Reimbursable Expenses	5			\$202.00
Shipping			***************************************	3.93
Total Reimbursable Expenses				\$3.93

Invoice Total

\$205.93

Comments:

Invoice includes checking on status of field construction notes and preparation of as-built

drawings.



COMMONWEALTH TECHNOLOGY, INC. ENVIRONMENTAL CONSULTING DIVISION

Invoice No.	Project	Amount
44495	171 @ Pendleton WL reloc.	4,792.25
44494	Sligo ext. for proposed Truck Stop	1,132.50
44496	KIA Funding Assis & Devel.	2,357.50
44411	Morton/Gullion/Long Branch Rds.	468.00
44492	General Consulting 2000	13,392.85
44472	New Castle water supply study	390.00
44473	Hines Mobile Home Park	170.00
44464	Whitaker Development (796.23 to be reimbursed by Cecil Whitaker)	5,173.73
44465	Buchanan Fm/Watkins Lane	1,092.50
	TOTAL	\$ 28,969.33





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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44495

Invoice Date:

November 13, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through October 31, 2000

CTI Project No: 0119E

HCWD-I71@Pendleton interchange WL Reloc.

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

Engineering/Environmental Science Service	es	2 JK		5 4 1	c Nan Bi
	, es . II a .	Rate	-	Hours	Amount
Senior Engineer	a 8 5 5 3	130.00	W	10.50	1,365.00
Project Assistant	a 5 10	50.00		5.50	275.00
Technician		30.00		0.50	15.00
Staff Technician		45.00		4.00	180.00
Senior Technician	87.	75.00		38.50	2,887.50
	(46)				
Total Engineering/Environmental Sc	cience Services	F01			\$4,722.50
Reimbursable Expenses	E 565 II	, Sel ac			
Mileage					69.75
			14)		In I
Total Reimbursable Expenses	ef a			A 181	\$69.75

Invoice Total

\$4,792.25

Comments:

mis invoice ould be billed Marathon shland. These services are for:

- --preparation for and attendance at preconstruction conference
- --review of shop drawings
- --communications/correspondence with contractor, Marathon, and HCWD2 about
- performance and payment bonds
 - --construction administration
 - --preparation of letter to Nathan Fox regarding additional work
 - --preparation of recommendation of award letter
 - --preparation of letter to HCWD2 outlining cost sharing for the water line relocation at I-75.

Additional right-of-way services amounted to \$2000.00.

Lexington, Kentucky

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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44494

Invoice Date:

November 13, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through October 31, 2000

CTI Project No: 0119C

Sligo Extension for Proposed Truck Stop

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

ering/En	- VII ORIMENTAL SCIENCE SELVICES	Rate	Hours	Amount
	Senior Engineer	130.00	3.50	455.00
	Project Assistant	50.00	0.50	25.00
	Staff Technician	45.00	2.00	90.00
	Senior Technician	75.00	7.50	562.50
Total Er	ngineering/Environmental Science Services			\$1,132.50

Invoice Total

\$1,132.50

Comments:

These services are for:

--coordination with Contractor (Bowen) about Performance and Payment bond

--construction administration of payment procedures

-communications with materials supplier and related project management.

You should You should send an invoice to Nathan Fox to Nathan Fox Doug

Right-of-way services amounted to \$315.00 and should be billed to Marathon Ashland.

The right-of-way tasks included:

-revisions to plan sheets to avoid Burrows property

-redesign of tie-ins @ US42/KY157 intersection.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44496

Invoice Date:

November 13, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through October 31, 2000

CTI Project No: 0374

HCWD-KIA Funding Assistance & Developmen

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

	Rate	Hours	Amount
		, n	
Staff Engineer	85.00	6.00	510.00
Senior Engineer	130.00	1.50	195.00
Sen Env Scientist	125.00	2.00	250.00
Project Assistant	50.00	1.50	75.00
Staff Technician	45.00	16.00	720.00
Project Technician	60.00	4.50	270.00
Senior Technician	75.00	4.50	337.50
Total Engineering/Environmental Science Services		XI XI X	\$2,357.50

Invoice Total

\$2,357.50

Comments:

Engineering and professional services included in this invoice are:

- --completed mapping for state clearinghouse review and comments-well fields and KY 146 line
- --prepared list of needed information for new well placement
- --held meetings regarding funding applications, plan of action, design, and determining required steps still remaining
- --held meeting to discuss feasibility of KIA Fund F application in light of SB 409.

Keys segments

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Pos Sono



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44411

Invoice Date:

October 24, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through October 24, 2000

CTI Project No: 8123S

Corley-Morton/Gullion/Long Branch Rds

Henry County Water District 2

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services				
	Rate		Hours	Amount
		100	· · · · · · ·	-44
Staff Engineer	67.00	20 0	2.50	167.50
Project Assistant	35.00	*	1.00	35.00
Staff Technician	32.00		8.00	256.00
Total Engineering/Environmental Science Services				\$458.50
Reimbursable Expenses				
Copies/Reproductions				9.50
Total Reimbursable Expenses				\$9.50
		11.		- E

Invoice Total

\$468.00

Comments:

These services are for preparation of as-built drawings and engineer's certification to KYDOW for the Gullion Road, Long Branch Road, and Morton Ridge Road water line extensions. This is the final invoice under this project number (8123S).



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

US 421

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44492

Invoice Date:

November 13, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through October 31, 2000

CTI Project No: 0109

HCWD-General Consulting 2000

Water System, Henry County, KY

Engineering/Environmental Science Services

Engineering/Enviro	nmental Science Service	S	50 CHC (4		
	R H TO N W T		Rate	Hours	Amount
	Engineer		70.00	10.50	735.00
	Staff Engineer	a 1,28	85.00	9.00	765.00
	Senior Engineer		130.00	11.50	1,495.00
	Project Assistant		50.00	3.50	175.00
	Technician	28	30.00	1.00	30.00
	Project Technician		60.00	11.50	690.00
	Senior Technician		75.00	125.00	9,375.00
					. / w
Total Engin	eering/Environmental Sci	ence Services		2	\$13,265.00
Reimbursable Expe	nses			d ex	
· ×	Copies/Reproductions				34.97
	Shipping Mileage	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	# # 8 8 # 2 2 A		11.88 81.00
Total Reimb	oursable Expenses		e ² 1 8 11 1	R _{an} *	\$127.85

Invoice Total

\$13,392.85

Comments:

Engineering and professional services included in the invoice are:

- --prepared monthly summary report
- --coordination and review of water seepage problem with geotechnical engineer
- --hired geotechnical engineer to review all past work and to coordinate final resolution
- --literature search to determine best method for controlling weeds
- --continued work on Kypipe model-rebalanced demands and flowrates
- -troubleshot water loss and pump operation for Vance and Lacie tanks
- --worked on master plan-prioritized water line extensions and improvements

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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice Date: Client No:

44472

November 13, 2000 WOC025

Terms:

Invoice No:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through October 31, 2000

CTI Project No: 0417

HCWD-New Castle Water supply study

Project Mgr: DOUG BALDWIN

Juns Keep running New Corlle

Engineering/Environmental Science Services

	Rate	10 4 H H	Hours		Amount	
Senior Engineer	130.00	- 2	0.50		65.00	
Project Assistant	50.00	# ₂	0.50		25.00	
Senior Technician	75.00		4.00		300.00	
Total Engineering/Environmental Science Services		n w w		-	\$390.00	

Invoice Total

\$390.00

Comments:

These services are for evaluation of possible alternatives to increase water supply to New Castle, and preparation of fax listing and sketches to New Castle engineer (CDP Engineers) as requested.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44473

Invoice Date:

November 13, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through October 31, 2000

CTI Project No: 8123P

HCWD-Hines Mobile Home Park

Water Line Extensions (by Developer)

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

ering/Environmental Science Services	Rate	**	Hours	, še	2 0	Amount
Senior Engineer	105.00	U.S.	0.50		5	52.50
Project Assistant	35.00		1.00			35.00
Senior Technician	55.00		1.50		, d	82.50
Total Engineering/Environmental Science Services		4.		.100 . #1 	x 105	\$170.00

Invoice Total

\$170.00

Comments:

These services are for review of shop drawings and assistance to Developer's contractor regarding casing pipe materials for Hines mobile home park development.

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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

US 421

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44464

Invoice Date:

November 13, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through October 31, 2000

CTI Project No: 0119F

HCWD-Whitaker Development on KY153

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

Engineering/Environ	mental Science Services				
		Rate		Hours	Amount
	- W - W - W - W - W - W - W - W - W - W	91	9" 3 N		* ne å g g* .
9	Senior Engineer	130.00	186 g 4 s o	10.50	1,365.00
	Project Assistant	50.00	2 68 E	4.50	225.00
	Staff Technician	45.00		18.00	810.00
	Project Technician	60.00		4.00	240.00
	Senior Technician	75.00	2	33.00	2,475.00
2 1				-	0.
Total Engine	ering/Environmental Science Services				\$5,115.00
Reimbursable Expen	ses	B U			- 4
	Copies/Reproductions				50.68
	Shipping	8 8		_	8.05
Total Reimbu	arsable Expenses		E	* - 1 - 2 - 1 - 1	\$58.73

Invoice Total

Bolows

\$5,173.73

Comments:

These services are for preparation of plans/specs, final design, property owner research, hydraulic analysis, and preparation of DOW submittal package for US 42 and Wooded Hills Road water lines.

You should You should Whitaker bill whitaker Farms for this Farms for this amount 23)

Additional services were provided to Developer for easement preparation, quantity computation, bid form preparation, measurement and payment provisions, and bid package submittal to contractor. These services amounted to \$796.23 and should be billed to Whitaker Farms.

Lexington, Kentucky

Louisville, Kentucky

Baraboo, Wisconsin



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800-467-3091

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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

US 421

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44465

Invoice Date:

November 13, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through October 31, 2000

CTI Project No: 0119G

HCWD-Buchanan Farm WL on Watkins Lane

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services Senior Engineer Technician Senior Technician	Rate Hours Amount 130.00 0.50 65.00 30.00 0.50 15.00 75.00 13.50 1,012.50 \$1,092.50

Invoice Total

Comments:

These services are for assistance with contract between HCWD and Developer, cost-sharing computations, and assistance to attorneys for PSC approval of contract for the Buchanan Farm water line extension on Watkins Lane.

COPY COMMONWEALTH TECHNOLOGY, INC.

INVOICE NO.	AMOUNT	PROJECT:
44617	4,057.50	Marathon relocate water lines. ?
44598	830.00	Whitaker Development ?
44520	118.00	Lost Creek Development
44594	6,010.50	Raw water study ?
44595	9,016.57	General Consulting 2000 ?
44597	250.00	Cropper School water line ext. ?
44616	1,021.70	Sligo extension for proposed Q Truck Stop.
TOTAL	21,304.27	





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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Invoice No:

44617

Invoice Date:

December 13, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through November 30, 2000

CTI Project No: 0119E

HCWD-I71@Pendleton interchange WL Reloc.

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

	Rate	Hours	Amount
Senior Engineer	130.00	5.50	715.00
Project Assistant	50.00	1.00	50.00
Technician	30.00	0.50	15.00
Project Technician	60.00	1.50	90.00
Senior Technician	75.00	42.50	3,187.50
Total Engineering/Environmental Science Services			\$4,057.50

Invoice Total

\$4,057.50

Comments:

These services are for:

- --construction administration
- --periodic on-site inspection
- --coordination/communications regarding performance and payment bonds
- --correspondence regarding HCWD2 assurances for payment of increasing pipe size to 16"
- --preparation of pay request forms and computing payment due from HCWD2 and Marathon
- --attendance at construction progress meeting for I71 water line relocation @ Marathon Truck Stop.

Additional right-of-way services provided included:

- --preparation of easement plat for Marathon
- --communications with Smith property attorney
- --devising casing pipe alternative (flowable fill) at Smith entrance where pipe already installed
- --preparation of detail for flowable fill alternative
- --communications with State Permitting engineer. These services totaled \$1,072.50.

This invoice should be forwarded to Marathon for reimbursement.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

US 421

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44598

Invoice Date:

December 11, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through November 30, 2000

CTI Project No: 0119F

HCWD-Whitaker Development on KY153

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services			
_	Rate	Hours	Amount
7	200.00		105.00
Senior Engineer	130.00	1.50	195.00
Project Assistant	50.00	2.50	125.00
Project Technician	45.00	0.50	22.50
Senior Technician	75.00	6.50	487.50
			#820 00
Total Engineering/Environmental Science Services			\$830.00

20

Invoice Total \$830.00

Comments:

These services are for assistance with contract agreements between developer and HCWD2, assistance with easements, and preparation of bid packages to contractors for Whitaker Estates water line extensions.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

Client No:

44520

November 20, 2000

WOC 025

Terms:

Invoice No:

Invoice Date:

Payable Upon Receipt

ATTN: DON HEILMAN

For professional services, not previously billed, through November 20, 2000

CTI Project No: 8123F

HCWD-Water Line Extensions-Lost Creek

Campbellsburg, KY

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

	Rate	Hours	Amount
Staff Engineer	67.00	1.50	100.50
Project Assistant	35.00	0.50	17.50
Total Engineering/Environmental Science Services			\$118.00

Inv		

\$118.00

Comments:

These services are for communications and followup correspondence about as-built

drawings and engineers certification; and project administration.

This is the final invoice for this project number (8123F).



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44594

Invoice Date:

December 11, 2000

Client No:

WOC025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through November 30, 2000

CTI Project No: 0374

HCWD-Raw Water Study

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

Engineering/Environ	mental Science Services			
		Rate	Hours	Amount
	Staff Engineer	85.00	32.00	2,720.00
	Senior Engineer	130.00	12.50	1,625.00
	Proj Env Scientist	90.00	2.00	180.00
	Sen Env Scientist	125.00	4.00	500.00
	Project Assistant	50.00	1.50	75.00
	Technician	30.00	1.00	30.00
	Senior Technician	75.00	11.50	862.50
Total Enginee	ering/Environmental Science Services		·	\$5,992.50
Kennoursame Expens	Inhouse Copies		-	18.00
Total Reimbu	rsable Expenses			\$18.00

Invoice Total

\$6,010.50

Comments:

Engineering and professional services included in this invoice are:

Aquifer Analysis

- --reviewed existing well field information provided by Reynolds
- -- analyzed well placement and modeling options
- --created aerial photograph maps of well field
- --data collection, phone calls, review of existing data



Project No: 0374 HCWD-Raw Water Study 2526 Regency Road Lexington, KY 40503-2921

Phone: 606-276-3091 800-467-3091

Fax: 606-276-4374 email: fyi@ctienv.com

Invoice No: 44594 December 11, 2000

Page 2

Raw Water Supply Plan

- --created outline of plan to include: well fields, pumps, booster station, raw water line, Trimble County
- --considered course of action of regionalization with Trimble County
- --reviewed cost effectiveness of SRLF financing option

Raw Water Line

- --created cost estimates for 18-inch and 20-inch lines
- --provided final estimate tabulations and total cost.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

US 421

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44595

Invoice Date:

December 11, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through November 30, 2000

CTI Project No: 0109

HCWD-General Consulting 2000

Water System, Henry County, KY

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

ering/Environmental Science Services			
	Rate	Hours	Amount
Staff Engineer	85.00	27.00	2,295.00
Senior Engineer	130.00	13.50	1,755.00
Project Assistant	50.00	2.50	125.00
Technician	30.00	0.50	15.00
Project Technician	45.00	0.50	22.50
Senior Technician	75.00	60.50	4,537.50
Total Engineering/Environmental Science Services			\$8,750.00
rsable Expenses			
Project Supplies			230.00
Copies/Reproductions			36.57
Total Reimbursable Expenses			\$266.57

Invoice Total

\$9,016.57

Comments:

These services included:

- --reviewed weed control options for lagoon, submitted letter of recommendation to HCWD2
- -- analysis of prepaid reports and fees, and followup call to Don Heilman
- -- Troubleshot Vance and Lacie tank operation, pump cycles, and water usage
- -- seepage from Water Plant
- *met with GEM Engineering at plant to review all previous actions and discuss possible future action
- *meeting with key CTI personnel to consider the feasible course of action
- *wrote letter to Berry Baxter/Don Heilman to explain analysis from GEM Engineering and set up meeting to review potential solution
- --evaluated hydraulics for 25 lot subdivision and coordinated improvements with master plan

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Baraboo, Wisconsin



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2526 Regency Road

Invoice No: 44595 December 11, 2000

Page 2

Project No: 0109 HCWD-General Consulting 2000 Water System, Henry County, KY

- --assisted water treatment plant staff with process controller lockup; coordinated troubleshooting with treatment unit manufacturer
- --recalculated demands/pressures using HCWD flow reports for Campbellsburg
- --evaluated pressure with/without loop for Brosius Lane extension
- --evaluated proposed KY 146 Nursery, obtained estimates of water usage, discussed capacity/expense, suggested Hydraulic Request
- --KYPIPE System Model
- *add 50,000 gpd water loss east of Lacie
- *evaluate tank refill cycles for various tanks and alternative improvements
- *improvements/options regarding Campbellsburg/Lacie low pressure areas
- *evaluated priority improvements and lines for master plan
- *purchased updated single County wide Mr Sid image
- --reviewed Attorney General's opinion on PSC & utility system development charges
- --prepared and transmitted exhibits per KIPDA request-HCWD wellfield property lines, deed calls, vicinity map.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44597

Invoice Date:

December 11, 2000

Client No:

WOC 025

Terms:

Payable Upon Receipt

For professional services, not previously billed, through November 30, 2000

CTI Project No: 0119

Cropper School Water Line Extensions

Henry County Water District No. 2

Total Engi

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services

ronmental Science Services				
	Rate	Hours	Amount	
Project Technician	45.00	0.50	22.50	
Senior Technician	65.00	3.50	227.50	
ineering/Environmental Science Services			\$250.00	
ineering/Environmental Science Services			\$230.00	

Invoice Total

\$250.00

Comments:

These services are for assistance with contaminated soil disposal and cleanup at

boring of Flood Road for the Cropper School water line extensions.



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HENRY COUNTY WATER DISTRICT #2

PO BOX 219

CAMPBELLSBURG, KY 40011

ATTN: DON HEILMAN

Invoice No:

44616

Invoice Date:

December 11, 2000

Client No:

WOC025

\$1,021.70

Terms:

Payable Upon Receipt

For professional services, not previously billed, through November 30, 2000

CTI Project No: 0119C

Sligo Extension for Proposed Truck Stop

Project Mgr: DOUG BALDWIN

Engineering/Environmental Science Services		TT	Amount
	Rate	Hours	Amount
			0.000 0.0
Senior Engineer	130.00	2.00	260.00
Project Assistant	50.00	1.50	75.00
Staff Technician	45.00	0.50	22.50
Project Technician	45.00	0.50	22.50
Senior Technician	75.00	7.50	562.50
Total Engineering/Environmental Science Services			\$942.50
Reimbursable Expenses			
Mileage			79.20
Total Reimbursable Expenses			\$79.20

Comments:

These services are for:

- --construction administration
- --preparation of pay requests by Bowen Contracting for HCWD2 and Marathon obligations
- --communications/coordination with contractor and Marathon regarding performance and payment bonds

Invoice Total

- --negotiating change order with contractor to install water line in highway right of way
- --attendance at construction progress meeting for the US 42 water line extension (Sligo parallel).